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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

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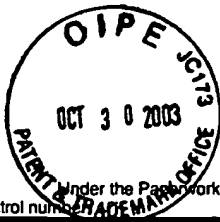
Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	10/626,984
				Filing Date	July 25, 2003
				First Named Inventor	Kawai, et al.
				Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	1	of	2	Attorney Docket Number	013.0207.US.UTL

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
↓		US-5,477,451	12/19/1995	Brown et al.	
		US-5,799,276	08/25/1998	Komissarchik et al.	
		US-5,867,799	02/02/1999	Lang et al.	
		US-6,026,397	02/15/2000	Sheppard	
		US-6,148,102	11/14/2000	Stolin	
		US-6,598,054	07/22/2003	Schuetze et al.	
		US-6,137,911	10/24/2000	Zhilyaev	
		US-2002/0184193	12/05/2002	Cohen	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner Signature	/Leon Harper/	Date Considered	12/01/2006
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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.  
<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.  
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PTO/SB/088 (10-01)

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Substitute for form 1449B/PTO		<b>Complete if Known</b>	
		Application Number	10/626,984
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Filing Date	July 25, 2003
		First Named Inventor	Kawai, et al.
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
		Attorney Docket Number	013.0207.US.UTL
Sheet	2	of	2

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cita No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
LH		D. SULLIVAN, "Document Warehousing And Text Mining, Techniques For Improving Business Operations, Marketing, And Sales," Chs. 1-3, Wiley Computer Publishing (2001).	
LH		LINHUI, JIANG, "K-Mean Algorithm: Iterative Partitioning Clustering Algorithm," <a href="http://www.cs.regina.ca/~linhui/K_mean_algorithm.html">http://www.cs.regina.ca/~linhui/K_mean_algorithm.html</a> , (2001) Computer Science Department, University of Regina, Saskatchewan, Canada.	
LH		KANUGO et al., "The Analysis Of A Simple K-Means Clustering Algorithm," pp. 100-109, PROC 16th annual symposium of computational geometry (May 2000).	
LH		PELLEG et al., "Accelerating Exact K-Means Algorithms With Geometric Reasoning," pp. 277-281, CONF on Knowledge Discovery in Data, PROC fifth ACM SIGKDD (1999).	
LH		JAIN et al., "Data Clustering: A Review," Vol. 31, No. 3, ACM Computing surveys, (September 1999).	

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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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**Complete if Known**

Application Number	10/626,984
Filing Date	July 25, 2003
First Named Inventor	Kawai, K.
Art Unit	2176
Examiner Name	Unassigned
Attorney Docket Number	013.0207.US.UTL

*(Use as many sheets as necessary)*

Sheet	1	of	2
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U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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Examiner Signature	/Leon Harper/	Date Considered	12/01/2006
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			Application Number	10/626,984	
			Filing Date	July 25, 2003	
			First Named Inventor	Kawai, K.	
			Art Unit	2176	
Examiner Name	Unassigned				
Sheet	2	of	2	Attorney Docket Number	013.0207.US.UTL

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
LH		CHRISTINA YIP CHUNG et al, "Thematic Mapping - From Unstructured Documents To Taxonomies," CIKM'02, November 4-9, 2002, pp. 608-610, ACM, McLean, Virginia, USA.	
LH		HIROYUKI KAWANO, "Overview of Mondou Web Search Engine Using Text Mining And Information Visualizing Technologies," IEEE, 2001, pp. 234-241.	
LH		JAMES OSBORN et al "JUSTICE: A Judicial Search Tool Using Intelligent Concept Extraction," ICAIL-99, 1999, pp. 173-181, ACM.	
LH		CHEN AN et al "Fuzzy Concept Graph And Application In Web Document Clustering," 2001, pp. 101-106, IEEE.	

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Application Number	10/626,984
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First Named Inventor	Kawai et al.
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*(Use as many sheets as necessary)*

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	2	of
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Application Number	10/626,984
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## NON PATENT LITERATURE DOCUMENTS

[illegible]

**Examiner  
Signature**

/Leon Harper/

Date Considered

12/01/2006

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